

Notice of Allowability

Application No.

09/823,511

Examiner

Kristie D. Shingles

Applicant(s)

KANDALA, SRINIVAS

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/17/2007.
2. ☒ The allowed claim(s) is/are 1,2,5-7,11,12,15-17,21,22 and 25-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 9/2007.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

WILLIAM VAUGHN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Kds/20070927

DETAILED ACTION

Response to Amendment

Claims 1, 5, 11, 15, 21 and 25 have been amended.

Claims 3, 8, 13, 18, 23 and 28 have been cancelled.

Claims 1, 2, 4-7, 9-12, 14-17, 19-22, 24-27 and 29-30 are pending.

Per Examiner's Amendments

Claims 4, 9, 10, 14, 19, 20, 24, 29 and 30 are cancelled.

Claims 1, 2, 5-7, 11, 12, 15-17, 21, 22 and 25-27 are allowed.

Response to Arguments

I. Applicant's arguments (see Remarks pages 9-10) filed 9/17/2007, with respect to independent claims 1, 5, 11, 15, 21 and 25 been fully considered and are persuasive. Therefore the 35 USC 103(a) rejection of the pending claims has been withdrawn.

Examiner's Amendment

II. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

III. Authorization for this Examiner's amendment was given in a telephone interview with Atty. Graciela Cowger on September 26, 2007. Please make the following changes:

Cancel: Claims 4, 9, 10, 14, 19, 20, 24, 29 and 30.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance

IV. The prior art or record fails to teach neither singly nor in combination, the claimed limitations of “receiving a reservation request from a first peripheral device for a wireless communication session between the first peripheral device and the processor; receiving another reservation request from a second peripheral device for another wireless communication session between the second peripheral device and the processor; generating a schedule in response to the reservation request and the another reservation request, the schedule coordinating the wireless communication session during a first time window having a designated start time and a designated end time, the schedule coordinating the another wireless communication session to begin after the designated end time; wirelessly transmitting a multi-poll scheduling frame to the first peripheral device and the second peripheral device, the schedule encoded in the multi-poll scheduling frame; wirelessly exchange data with the first peripheral device during the first time window; wirelessly transmit a rescheduling frame in response to the wireless data exchange with the first peripheral device completing before the designated end time occurs, the rescheduling frame dynamically enabling the second peripheral device to begin the another wireless communication session before the designated end time, where the rescheduling frame is transmitted only if the data exchange with the first peripheral device is completed before the designated end time, and not transmitted at other times” as stated in independent Claims 1, 5, 11, 15, 21 and 25 (see Applicant's Specification, pages 7-9 and 12).

Specifically, the prior art fails to explicitly teach the claimed functionality for wirelessly exchanging data with the second peripheral device before the first time window ends pursuant to

Art Unit: 2141

the rescheduling frame, wherein the schedule provides for exchanging data with only the second peripheral device during a second time window, the second time window alternating with the first time window according to periodicity; wherein the processor encodes data about the periodicity in the multi-poll scheduling frame. These functions and limitations, in conjunction with other limitations in the independent and dependent claims, are not specifically disclosed or remotely suggested in the prior art of record.

A review of Claims 1, 2, 5-7, 11, 12, 15-17, 21, 22 and 25-27 in view of the Examiner's remarks above, indicates that Claims 1, 2, 5-7, 11, 12, 15-17, 21, 22 and 25-27 are allowable over the prior art of record. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

V. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kristie Shingles whose telephone number is 571-272-3888. The examiner can normally be reached on Monday-Friday 8:30-6:00pm.

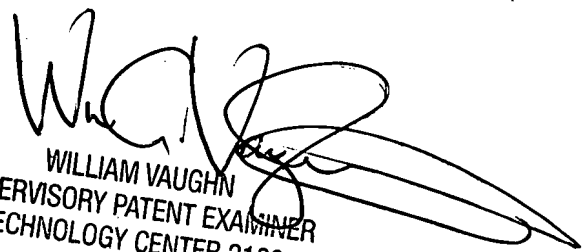
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2141

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kristie D. Shingles
Art Unit 2141
Examiner

kds


WILLIAM VAUGHN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100